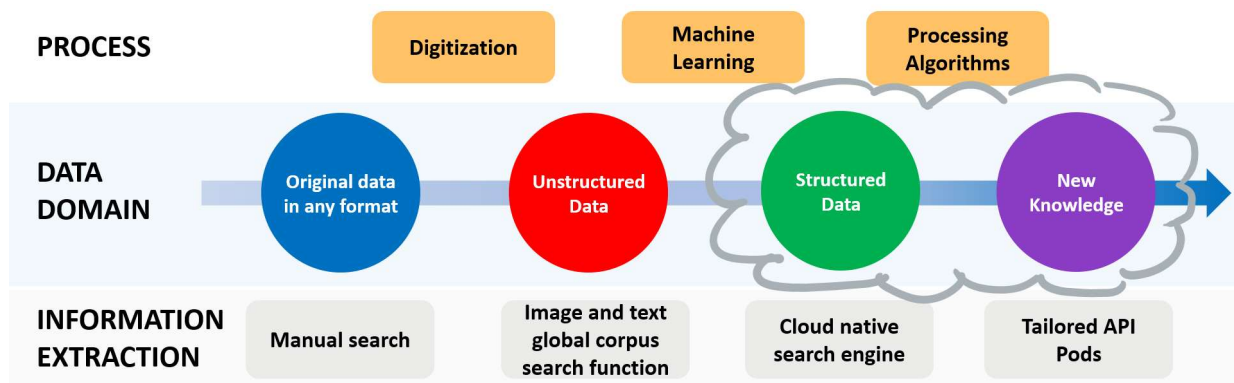


ElasticDocs Intuitive Knowledge Container

Iraya Energies' flagship product, **ElasticDocs Intuitive Knowledge Container (ElasticDocs)**, is capable of ingesting massive amounts of structured and unstructured data and uses state-of-the-art machine learning and Artificial Intelligence (AI) tools, underpinned with specific geoscience domain expertise, to deliver rapid and easy access to valuable sub-surface information.

Though the upstream oil and gas industry are awash with such data, less than 5% is used in de-risking activities as much of these data are un-structured, difficult to locate and expensive to use.



Iraya Energies is a next-generation Digital Solutions provider to oil and gas operators and service companies. Its main business activities are:

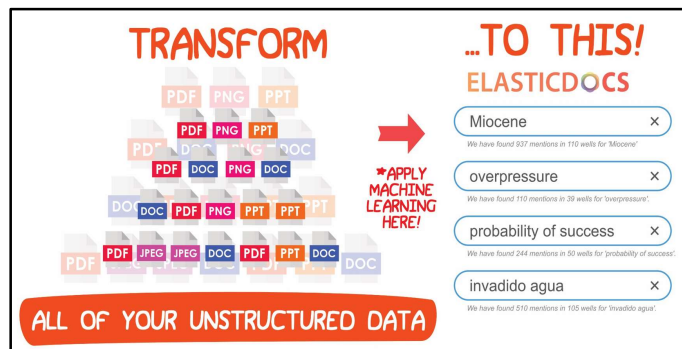
- **ElasticDocs**, which is based on deep technology software development via the application of AI within a unique, cloud-native platform solution
- Strategic consultancy and service: Providing frameworks, data, knowledge and training to its clients to assist in their Digital Transformation

ElasticDocs is an intuitive cloud-native knowledge container enabled with Optical Character Recognition, Natural Language Processing and Deep Neural Networks for processing all types of unstructured and structured geoscience data as text and images in any language:

- Up to 40 times faster than any manual ingestion by specialist
- Reducing geoscience project turn-around time by 75%

The maximum amount of sub-surface knowledge can be retrieved many times faster than in a conventional workflow.

Not only does 100% of these data become immediately accessible like tables converted to .csv files, but new knowledge can be extracted resulting in new geoscience understandings as the data can be interrogated using artificial intelligence.



ElasticDocs is proven and already deployed within the oil and gas industry to:

- Organize corporate databases of unstructured and structured data
- Make relevant information instantly accessible in G&G work through a cloud native user interface
- Obtain new knowledge when building rock physics models, present drilling history through a knowledge graph, visualize images to identify analogues etc.

Headquartered in Kuala Lumpur, Malaysia, Iraya Energies offers the **ElasticDocs Intuitive Knowledge Container** and consulting services worldwide.